

DRP-2 Antibody | anti-DRP-2 antibody

DRP-2 (Phospho-Thr514) Antibody

CATALOG # AAA111697	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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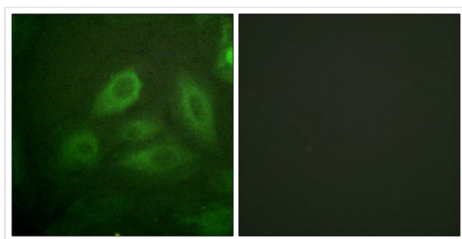
PRODUCT SYNONYMS

DRP-2; DRP-2 (Phospho-Thr514) Antibody; CRMP2; Collapsin response mediator protein 2; DPYL2; DPYSL2; Dihydropyrimidinase related protein-2; N2A3; TOAD-64; Turned on after division; 64 kDa protein; ULIP 2 protein; ULIP2; anti-DRP-2 antibody

PRODUCT SPECIFICATIONS

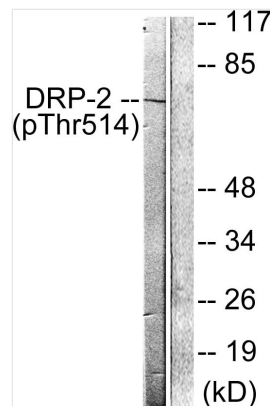
Reactivity	Human, Mouse, Rat
Specificity	DRP-2 (Phospho-Thr514) antibody detects endogenous levels of DRP-2 only when phosphorylated at threonine 514.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	677
Applicable Applications for anti-DRP-2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human DRP-2 around the phosphorylation site of threonine 514 (T-V-TP-P-A).
All Sites	Human: Thr514 Mouse: Thr514 Rat: Thr514
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



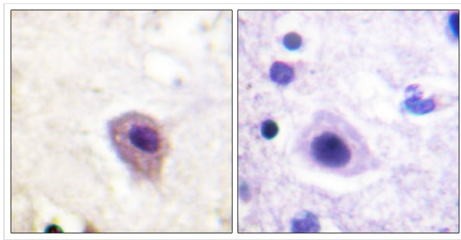
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using DRP-2 (Phospho-Thr514) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using DRP-2 (Phospho-Thr514) antibody. Western blot analysis of extracts from NIH/3T3 cells, treated with PMA (125ng/ml, 30mins), using DRP-2 (Phospho-Thr514) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-DRP-2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Goshima Y., Nature 376:509-514(1995). Hamajima N., Gene 180:157-163(1996). Beausoleil S.A., Nat. Biotechnol. 24:1285-1292(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	308818195
NCBI GeneID	1808
NCBI Accession #	NP_001184222.1
NCBI GenBank Nucleotide #	NM_001197293.2
UniProt Accession #	Q16555; O00424; A8K5H2; B4DR31; D3DSS7
Molecular Weight	58,163 Da
NCBI Official Full Name	dihydropyrimidinase-related protein 2 isoform 1
NCBI Official Synonym Full Names	dihydropyrimidinase like 2
NCBI Official Symbol	DPYSL2
NCBI Official Synonym Symbols	DRP2; N2A3; CRMP2; DRP-2; ULIP2; CRMP-2; DHPRP2; ULIP-2
NCBI Protein Information	dihydropyrimidinase-related protein 2
UniProt Protein Name	Dihydropyrimidinase-related protein 2
UniProt Gene Name	DPYSL2
UniProt Synonym Gene Names	CRMP2; ULIP2; DRP-2; CRMP-2; ULIP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/drp-2/111697>